

## Hubungan kadar FSH dengan gambaran spermatogenik berdasarkan kriteria johnson pada pasien azoospermia di Jakarta Pusat periode 2011-2015 = Association of FSH level with spermatogenic histology based on johnson criteria in azoospermic patient in Central Jakarta between 2011-2015

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### Abstrak

Infertilitas pada pasangan yang diakibatkan oleh pria mencapai angka 40. Untuk diagnosis klinis pasti penyebab infertilitas dan pengecekan apakah dapat dilakukan ekstraksi spermatozoa dilakukan prosedur invasif berupa biopsi testis. Pada penelitian potong lintang ini dianalisis hubungan antara FSH dan gambaran spermatogenik pada 72 pasien azoospermia di Jakarta Pusat yang melakukan biopsi testis pada tahun 2011 - 2015 untuk kemungkinan prediksi ada tidaknya spermatozoa. Kedua data didapatkan dari data sekunder baik rekam medis ataupun hasil laboratorium. Hasil analisis menggunakan Oneway ANOVA dan post-hoc test menunjukkan terdapat perbedaan rerata yang berarti pada minimal 2 kelompok antara kadar FSH dan gambaran spermatogenik.

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Infertility in couples caused by men reached the number of 40 . For the clinical diagnosis and to check for the possibility of testicular sperm retrieval an invasive procedure of testicular biopsy was performed. In this cross sectional study the association of FSH and the spermatogenic histology was analysed on 72 azoospermic patient in Central Jakarta. This patients had undergone testicular biopsy between 2011 ndash 2015 to predict the existence of spermatozoa. Both data were acquired from medical record and lab results. The data were analyzed using Oneway ANOVA and post hoc test was performed the result show significant difference in minimal 2 categories between FSH and spermatogenic histology.